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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	120	(simultaneous\$3 near2 (program\$6 or transfer\$4)) near3 (flash or EEPROM or nonvolatile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:42
L2	24708437	@ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:50
L3	1	(Lin near Yi-wen).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:55
L4	7	(Zhang near2 Changsong).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:55
L5	87	(Jefferson near2 David).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:55
L6	2	(Joyce near2 Juju).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:56
L7	2	(Mansur near2 Dan).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:56
L8	91	3 or 4 or 5 or 6 or 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:56
L9	0	3 and 4 and 5 and 6 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:57

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L10	0	transfer* same parallel* same external and integrat*	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:01
L11	0	transfer* same parallel* same external same integrat*	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:00
L12	0	transfer* same parallel* same sequent*	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:01
L13	1933	transfer\$4 same parallel\$4 same sequent\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:01
L14	669	transfer\$4 same parallel\$5 same external same integrat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:02
L15	565	2 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:02
L16	48	transfer\$4 same parallel\$5 same external same integrat\$4 same sequent\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:03
L17	43	2 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:03
L18	273	(simultaneous\$3 near2 (program\$6 or writ\$4 or stor\$4 or read\$4)) near2 (flash or EEPROM or nonvolatile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:05
L19	0	17 and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:05

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L20	30375	"711"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:05
L21	23	17 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:05



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- #4 ((IC or module or chip) and (transfer* or writ*) and (parallel* or simultaneous*)<IN>metadata)
- #5 (((transfer* and (simultaneous* or parallel*))<in>metadata) <AND> ((EEPROM or EPROM or flash or PROM) and (program* or writ*) and (parallel or simultaneous*)<IN>metadata))
- #6 (((sequential* and (load* or writ* or read*))<IN>metadata) <AND> (((IC or module or chip) and (transfer* or writ*) and (parallel* or simultaneous*)<IN>metadata))
- #7 (((((transfer* and (simultaneous* or parallel*))<in>metadata) <AND> (((EEPROM or EPROM or flash or PROM) and (program* or writ*) and (parallel or simultaneous*)<IN>metadata))) <AND> (((sequential* and (load* or writ* or read*))<IN>metadata) <AND> (((IC or module or chip) and (transfer* or writ*) and (parallel* or simultaneous*)<IN>metadata))))

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EEPROM EPROM flash transfer program simultaneous parallel sequential

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1 [Pen computing: a technology overview and a vision](#)



André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

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This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

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↑ ABSTRACT

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historical background and the technical advances that begin making Pen Computing a reality, the new paradigms created by Pen Computing will be explained and discussed. Handwriting recognition, mobility and global information access are other central topics. This is followed by a categorization and an overview of current and future systems using pens as their primary user interface component.

↑ CITINGS 11

[Susan L. Miertschin , Cheryl L. Willis, Mobile computing in the freshman computer literacy course what impact?, Proceedings of the 5th conference on Information technology education, October 28-30, 2004, Salt Lake City, UT, USA](#)

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↑ INDEX TERMS

Primary Classification:

H. Information Systems

↳ H.5 INFORMATION INTERFACES AND PRESENTATION (I.7)

↳ H.5.2 User Interfaces (D.2.2, H.1.2, I.3.6)

↳ **Subjects:** Input devices and strategies (e.g., mouse, touchscreen)

Additional Classification:

I. Computing Methodologies

↳ I.5 PATTERN RECOGNITION

General Terms:

Design, Theory

↑ Collaborative Colleagues:

André Meyer: Martin Haker
Thomas Martinetz
Daniel Polani

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